Patent claims

5

1. Human interleukin 4 mutant proteins as antagonists or partial agonists of human interleukin 4, characterized in that, in addition to replacements at positions 121, 124 or 125, modifications are also present at the N terminus and/or C terminus, and/or in that potential glycosylation sites are deleted from the molecule and/or in that the mutant protein is coupled to a non-protein polymer.

2. Medicaments which comprise the substances according to Claim 1.

INVESTABLE AND ASSE